This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

| BLACK BORDERS
| IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
| FADED TEXT OR DRAWING
| BLURRED OR ILLEGIBLE TEXT OR DRAWING
| SKEWED/SLANTED IMAGES
| COLOR OR BLACK AND WHITE PHOTOGRAPHS
| GRAY SCALE DOCUMENTS
| LINES OR MARKS ON ORIGINAL DOCUMENT
| REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
- Ivaniber	612	345/90	USPAT;	2002/09/03 13:30
	012	343/ 20	US-PGPUB	2002/03/03 13:30
_	2	(345/90 and ic) and (master and slave)	l .	2002/09/03 13:31
_		(345/30 and 10) and (master and stave)	USPAT;	2002/09/03 13:31
	100	245/00 2-4 :-	US-PGPUB	2000/00/03 13 36
-	128	345/90 and ic	USPAT;	2002/09/03 13:36
]		0.5/05	US-PGPUB	
-	2802	345/87	USPAT;	2002/09/03 14:37
			US-PGPUB	
-	763	345/87 and ((integrated near circuit) or ic)	USPAT;	2002/09/05 09:28
			US-PGPUB	
-	11	(345/87 and ((integrated near circuit) or	USPAT;	2002/09/03 14:28
		ic)) and (master same slave)	US-PGPUB	
-	5	5,552,737	USPAT;	2002/09/03 14:28
			US-PGPUB	
_	9	345/87 and (master same slave same (ic or	USPAT;	2002/09/03 14:54
1	_	integrated circuit))	US-PGPUB]
_	3681	345/\$.ccls. and (driv\$4 near2 circuit) and	USPAT;	2002/09/03 14:56
	3001	(liquid near crystal)	US-PGPUB	2002/05/03 14.50
_	7	(345/\$.ccls. and (driv\$4 near2 circuit) and	USPAT;	2002/09/03 15:20
- 0.	′		US-PGPUB	2002/09/03 15:20
ļ		(liquid near crystal)) and ((master and	US-PGPUB	
		slave) same (ic or (integrated adj		
	_	circuit)))	77000	2000/20/20
-	5	Kim near Jong-Seon	USPAT;	2002/09/03 15:21
			US-PGPUB	
-	4	"5420600"	USPAT;	2002/09/03 15:24
]			US-PGPUB	
	1	"5021775".PN.	USPAT	2002/09/03 15:23
- ,_	1	"4901155".PN.	USPAT	2002/09/03 15:23
_	28	4,901,155	USPAT;	2002/09/03 15:52
			US-PGPUB	
_ [1	"4692760".PN.	USPAT	2002/09/03 15:30
_	ī	"4500880".PN.	USPAT	2002/09/03 15:30
_	1	"3636553".PN.	USPAT	2002/09/03 15:31
_	13	(seiko near epson near corporation) and	USPAT;	2002/09/03 17:26
Í	13	(display) and (master and slave)	US-PGPUB	2002/03/03 17:20
_	, ,	1	USPAT	2002/09/03 16:10
-	1	"5805003".PN. "5751279".PN.	USPAT	2002/09/03 16:10
	1	"5729316".PN.		1
-	1		USPAT	2002/09/03 16:10
~	1	"5585816".PN.	USPAT	2002/09/03 16:10
~	1	"5508728".PN.	USPAT	2002/09/03 16:11
~	1	"5508728".PN.	USPAT	2002/09/03 16:11
~	5	"5801674"	USPAT;	2002/09/03 16:33
j ,			US-PGPUB	
	1	"4500880".PN.	USPAT	2002/09/03 16:29
\ -	14	"5021775"	USPAT;	2002/09/03 16:58
}			US-PGPUB	
	108	345/51	USPAT;	2002/09/03 16:58
			US-PGPUB	
- 1	8	345/51 and (master and slave)	USPAT;	2002/09/03 16:59
ī			US-PGPUB	1
-	4123	(seiko near epson near corporation)	USPAT;	2002/09/03 17:26
		-	US-PGPUB	
_	3	((seiko near epson near corporation)) and	USPAT;	2002/09/03 17:27
	_	(lcd) and (master and slave)	US-PGPUB	, , , , , , , , , , , , , , , , , , , ,
_	4	"5818409"	USPAT;	2002/09/04 13:19
	•		US-PGPUB	,,,
_	42	(driving near circuit) and (master same	USPAT;	2002/09/04 13:20
	72	slave) and lcd	US-PGPUB	2002/05/04 13:20
_	5	"5801674"	USPAT;	2002/09/04 13:53
-	3	2001074	1	2002/09/04 13:53
	,	HECOOCOU DAT	US-PGPUB	2002/00/04 12 24
-	1	"5689280".PN.	USPAT	2002/09/04 13:34
-	1	"5682177".PN.	USPAT	2002/09/04 13:37
-	1	"5677705".PN.	USPAT	2002/09/04 13:37
-	1	"5642133".PN.	USPAT	2002/09/04 13:38
- '	1	"5638088".PN.	USPAT	2002/09/04 13:44
-	1	"5619224".PN.	USPAT	2002/09/04 13:44
-	1	"5610628".PN.	USPAT	2002/09/04 13:47
	1	"5475397".PN.	USPAT	2002/09/04 13:47
	64	(seiko near epson) and (1cd near2	USPAT;	2002/09/04 14:01
, ,		controller)	US-PGPUB	,,
·—-————	L			_ L

-	12	((seiko near epson) and (liquid near	USPAT;	2002/09/04 14:41
		crystal) and ((driving near circuit) or	US-PGPUB	1
		driver)) and (master and slave)		
1 -	11	"5726677"	USPAT;	2002/09/04 14:35
			US-PGPUB	
_	823	(seiko near epson) and (liquid near crystal)	USPAT;	2002/09/04 14:38
	023	and ((driving near circuit) or driver)	US-PGPUB	,
Ì_	3	Fukuda NEAR Masafumi	USPAT;	2002/09/04 16:01
	3	rukuda NEAR Masarumi	US-PGPUB	2002,05,01
	1	064427	USPAT;	2002/09/04 16:01
-	2	964437.ap.	US-PGPUB	2002/03/04 10:01
				2002/09/04 16:33
] -	24	hitachi and (liquid near crystal) and	USPAT;	2002/09/04 16:33
		((driving near circuit) or driver) and	US-PGPUB	
		(master and slave)		
-	6	"4896257"	USPAT;	2002/09/04 16:48
			US-PGPUB	
-	47	Furuhashi near Tsutomu	USPAT;	2002/09/04 16:51
			US-PGPUB	1
_	3	(Furuhashi near Tsutomu) and master	USPAT;	2002/09/04 16:51
			US-PGPUB	
_	1	sed1520	USPAT;	2002/09/04 17:18
			US-PGPUB	
-	4	sed1503	USPAT;	2002/09/04 18:33
	-		US-PGPUB	
]_	1	"5021775".PN.	USPAT	2002/09/04 18:20
_	1	"5420600" and (microprocessor and master and	USPAT;	2002/09/04 18:35
	1	slave and memory and ic and column and line)	US-PGPUB	1002,00,01 10.00
	1	("5420600" and (microprocessor and master	USPAT;	2002/09/04 18:36
1 -			US-PGPUB	2002/09/04 18:30
		and slave and memory and ic and column and	US-PGPUB	
	_	line)) and (liquid near crystal)	110030	0000/00/04 10 25
-	1	(("5420600" and (microprocessor and master	USPAT;	2002/09/04 18:37
		and slave and memory and ic and column and	US-PGPUB	
		line)) and (liquid near crystal)) and		·
		address		
-	1	"5021775".PN.	USPAT	2002/09/05 09:25
_	1	"4901155".PN.	USPAT	2002/09/05 09:25
-	1	"4692760".PN.	USPAT	2002/09/05 09:25
-	1	"4424513".PN.	USPAT	2002/09/05 09:25
_	1	"3636553".PN.	USPAT	2002/09/05 09:25
-	5	"3636553"	USPAT;	2002/09/05 09:26
,			US-PGPUB)
_	558	345/87 and ((integrated near circuit) or ic)	USPAT;	2002/09/05 09:35
		and (driv\$3 near2 circuit)	US-PGPUB	
_	120	(345/87 and ((integrated near circuit) or	USPAT;	2002/09/05 09:34
1	== 0	ic) and (driv\$3 near2 circuit)) and ((first	US-PGPUB	
		and second) near2 electrode)		
_	3	"5874933"	USPAT;	2002/09/05 09:34
			US-PGPUB	= ,
_	491	345/87 and ((integrated near circuit) or ic)	USPAT;	2002/09/05 10:00
	471	and (driv\$3 near circuit)	US-PGPUB	2002, 00, 00 10.00
1_	107	(345/87 and ((integrated near circuit) or	USPAT;	2002/09/05 13:52
	10/	ic) and (driv\$3 near circuit)) and ((first	US-PGPUB	2002/05/05 25.32
		and second) near2 electrode)	US-FGFUB	
}			TICDAM	2002/09/05 10:02
-	20	345/87 and ((integrated near circuit) or ic)	USPAT;	2002/09/05 TO:02
1	ļ	and ((driv\$3 near circuit) same ((first and	US-PGPUB	
		second) near2 electrode))		1 2000 / 60 / 65 7 5 5 5 5
-	1	1	USPAT	2002/09/05 11:36
-	1	"5682177".PN.	USPAT	2002/09/05 11:36
-	1		USPAT	2002/09/05 11:36
-	1	"5095304".PN.	USPAT	2002/09/05 11:40
1 -	0	345/\$ and ((master and slave) near2 ic) and	USPAT;	2002/09/05 11:46
		(gray near scale)	US-PGPUB	
1 -	703	345/\$ and (driv\$4 near circuit) and (gray	USPAT;	2002/09/05 14:20
		near scale)	US-PGPUB	
-	279	(345/\$ and (driv\$4 near circuit) and (gray	USPAT;	2002/09/05 14:19
		near scale)) and ((integrated near circuit)	US-PGPUB	
		or ic)		1
_	29	345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05 11:50
1	49	(master and slave))	US-PGPUB	, 03, 03 11.30
	5	(345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05 11:54
1	5			2002/03/03 11:54
	<u>L</u>	(master and slave))) and (gray adj scale)	US-PGPUB	

			T T C D T M	2002/09/05 11:57
_	54	Morozumi near Shinji	USPAT;	2002/09/05 11:5/
	1		US-PGPUB	2000/05/11 50
-	8	"472358"	USPAT;	2002/09/05 11:58
			US-PGPUB	
-	81	"4600274"	USPAT;	2002/09/05 12:09
			US-PGPUB	,
_	9	"5739887"	USPAT;	2002/09/05 12:09
			US-PGPUB	
-	1	"5420600".PN.	USPAT	2002/09/05 12:21
_	1	"5262881".PN.	USPAT	2002/09/05 12:30
-	58	Ito near Akihiko	USPAT;	2002/09/05 13:57
			US-PGPUB	
-	4	(Ito near Akihiko) and (gray near scale)	USPAT;	2002/09/05 13:58
			US-PGPUB	
-	1	"6151007".PN.	USPAT	2002/09/05 14:18
-	1	"5760759".PN.	USPAT	2002/09/05 14:19
- -	1	"5644332".PN.	USPAT	2002/09/05 14:19
_	264	345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05 14:37
		((first and second) near2 electrode))	US-PGPUB	
_	38	(345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05 14:37
		((first and second) near2 electrode))) and	US-PGPUB	
	1	((gray or grey) near scale)		1
_	1	"5095304".PN.	USPAT	2002/09/05 14:46
-	1	"5051739".PN.	USPAT	2002/09/05 14:47
_	1	"4881066".PN.	USPAT	2002/09/05 14:47
-	5	5801674.URPN.	USPAT	2003/08/05 12:30
_	1		USPAT	2003/08/05 12:32
_	567	345/103	USPAT;	2003/08/05 13:45
			US - PGPUB	
	0	345/10311 and master and slave	USPAT;	2003/08/05 13:45
			US-PGPUB	

7 37 1		Grand In March	DB	Wima at a
L Number	Hits	Search Text 345/103.ccls.	USPAT;	Time stamp 2003/08/05 15:16
-	202	345/103.CC18.	US-PGPUB	2003/00/03 13:16
-	5	345/103.ccls. and master and slave	USPAT;	2003/08/05 13:50
	3	·	US-PGPUB	
-	30	(master and slave) near ic	USPAT;	2003/08/05 13:51
	_	/	US-PGPUB	0000/00/05 13 50
] -	5	("4677317" "4970687" "4984190" "5233350" "5412644").PN.	USPAT	2003/08/05 13:52
[_	0	6473059.URPN.	USPAT	2003/08/05 13:57
_	6	"5801674"	USPAT	2003/08/05 14:20
-	21	("4679043" "4795239" "4816816"	USPAT	2003/08/05 13:59
1		"4963860" "5051739" "5136282"		
		"5218352" "5250931" "5376944"		
		"5394166" "5512915" "5555001" "5563624" "5574475" "5585816"		
		"5598178" "5598180" "5629715"		
		"5703616" "5798741" "5801674").PN.		
_	3	"6125286"	USPAT;	2003/08/05 14:21
			US-PGPUB	
-	1	"6177917"	USPAT; US-PGPUB	2003/08/05 14:22
_	18	"5896575"	USPAT;	2003/08/05 15:01
	10	3030373	US-PGPUB	2005,00,05 15.01
] -	1	"5420600".PN.	USPAT	2003/08/05 14:46
*	3	5420600.URPN.	USPAT	2003/08/05 14:53
-	1023		USPAT;	2003/08/05 15:02
		slave)	US-PGPUB	2002/00/05 15 00
· · · ·	56	((display near2 driv\$4) and (master and slave)) and (select\$4 adj5 (master and	USPAT; US-PGPUB	2003/08/05 15:09
		slave) and (selects adjo (master and slave))	OD TGFOB	
-	16934	(liquid adj crystal) and (driv\$4 near	USPAT;	2003/08/05 15:10
		circuit)	US-PGPUB	
-	2257	((select\$4 or set\$4) adj5 (master and	USPAT;	2003/08/05 15:13
	0.1	slave)) (/liquid adi quatal) and (drivé4 near	US-PGPUB	2002/00/05 35 12
	21	((liquid adj crystal) and (driv\$4 near circuit)) and (((select\$4 or set\$4) adj5	USPAT; US-PGPUB	2003/08/05 15:13
		(master and slave)))	00 10100	
-	1727		USPAT;	2003/08/05 15:17
			US-PGPUB	
] -	23	345/204 and 345/103.ccls.	USPAT;	2003/08/05 15:59
_	3	(345/204 and 345/103.ccls.) and (master and	US-PGPUB USPAT;	2003/08/05 16:18
	3	(345/204 and 345/103.CCIs.) and (master and slave)	US-PGPUB	2003/00/03 10:10
-	8		USPAT	2003/08/05 16:06
		"5638088" "5642133" "5677705"		
	_	"5682177" "5689280").PN.		0000/00/05
-	3 12	5818409.URPN.	USPAT	2003/08/05 16:08 2003/08/05 16:20
-	12	(Nishida near Yasuhiro).in.	USPAT; US-PGPUB	2003/00/05 10:20
-	848	(master and slave) adj (ic or mode or	USPAT;	2003/08/05 17:11
		driver)	US-PGPUB	
-	140	epson and (lcd adj3 controller)	USPAT;	2003/08/05 17:00
9	1.0		US-PGPUB	2002/00/05 13 00
-	18	"5896575 <i>"</i> 	USPAT; US-PGPUB	2003/08/05 17:00
-	1228679	((master primary first main) and (slave	US-PGPUB USPAT;	2003/08/05 17:24
		secondary second auxiliary)) and (ic driv\$3	US-PGPUB	
		(integrated adj circuit))		
-	3119	((master primary first) and (slave secondary	USPAT;	2003/08/06 11:47
	774	second)) near (ic (integrated adj circuit))	US-PGPUB	2002/00/06 12 04
-	134	(((master primary first) and (slave secondary second)) near (ic (integrated adj	USPAT; US-PGPUB	2003/08/06 12:04
		circuit))) and lcd	US-FGFUB	
-	3	5818409.URPN.	USPAT	2003/08/06 12:00
-		lcd and (grayscale or greyscale) and (pulse	USPAT;	2003/08/06 12:12
		adj width adj modulation)	US-PGPUB	2002/00/05 75 75
~	29	lcd and (grayscale or greyscale) same (pulse	USPAT;	2003/08/06 12:12
_	29	adj width adj (modulation or modulator)) lcd and ((grayscale or greyscale) same	US-PGPUB USPAT;	2003/08/06 13:56
	43	(pulse adj width adj (modulation or	US-PGPUB	2002,00,00 13.30
		modulator)))		
				

1 (1-6489918* "7.748164" "7.29510").PN. USPAT 2003/08/06 12:55 16:5818* "5.748564" "8.295109").PN. USPAT 2003/08/06 14:07 20					
2 ("SSSG318" *C228G99").PN. 3 ("Ma9918" *T24616" *T295109").PN. 50 348/89.cole. and lcd and (grayscale or grayscale) grayscale) 14 ("SSSG310" *T275991" *SSG3100" *SSG300" *SSG300" *SSG300" *T275991" *SSG3100" *SSG300" *	_	3	("5489918" "5748164" "6295109").PN.	USPAT	2003/08/06 13:55
145/95 cole. and lod and (grayecale or grayecale)	_	1	("5856818" "6288699").PN.		
3 3 3 3 3 3 3 3 3 3	_	3	("5489918" "5748164" "6295109").PN.		
14 14 14 14 15 15 12 15 15 15 15 15	-	50	345/89.ccls. and lcd and (grayscale or	-	2003/08/06 14:09
Sal4442 "5655102** "5893530** "5303323** "5043801** "578050** "5813188* "6154189** 6164874*).PR. **Sal3330** "545644*).PR. **Sal3330** "545644*).PR. **Sal330** "545644*).PR. **Sal340** "546644*).PR. **Sal440** "546644** "5466					2002/08/06 14:11
"5618091" "5745087" "5815128" "5903232" "6194180" "6194801" "6194837" "4097088" "4097068" "4097068" "4097068" "5233350" "5412644").PN. 2004/03/10 09:06 29456 (Integrated adj circuit) 3014 (integrated adj circuit) 3014 (integrated adj circuit) 3014 (integrated adj circuit) 3015 (integrated adj circuit) 3015 (integrated adj circuit) 3016	-	14	(1,13030	USPAT	2003/08/08 14.11
"5903322" "604801" "609424" "513180" "6180874").PM "44677317" "4970687" "4984190" "523550" "426644").PM "623550" "4270687" "4984190" "523550" "426644").PM "623550" "4270687" "4984190" "52046 (((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) ((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) (((master primary first main) and (slave secondary second auxiliary)) ((((master primary first main) and (slave secondary second auxiliary)) (((((master primary first main) and (slave secondary second auxiliary)) (((((master primary first main) and (slave secondary second auxiliary)) (((((master primary first main) and (slave secondary second auxiliary		1	311111		
"\$154189" "\$184874".PR. "4994190" "52733750" "5412644".PR. 29456 "5233750" "5412644".PR. 2004/03/10 09:06 29456 (master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$] (integrated adj circuit)) ((master primary first main) and (slave secondary secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode 2004/03/10 09:20 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10 10:00 2004/03/10			3033032		
29456 1978 1989 1989 1989 1989 2004/03/10 09:06 29350 29350 1980 29450 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:19 2004/03/10 09:20 2004/03/10 10:06 2004/03/10 10					
### ### ##############################		_		USPAT	2004/03/10 09:06
2046 ((master primary first main) and (slave secondary second auxiliary) add (ic driv\$3 (integrated add circuit)) ((master primary first main) and (slave secondary second auxiliary)) add (ic driv\$3 (integrated add circuit)) (((master primary first main) and (slave secondary second auxiliary)) add (ic driv\$3 (integrated add circuit)) (((master primary first main) and (slave secondary second auxiliary)) add (ic driv\$3 (integrated add) circuit)) ((((master primary first main) and (slave secondary secon	-	5	(10/102/ 12/12/		
secondary second auxiliary) adj (ic driv\$) 105-PGPUB 1004/03/10 09:20 105-PGPUB	_	20156	//master primary first main) and (slave	USPAT;	2004/03/10 09:19
(integrated adj circuit) (master primary first main) and (slawe secondary second suxiliary)) adj (ic driv\$) (integrated adj circuit)) and electrode ((((master primary first main) and (slawe secondary second suxiliary)) adj (ic driv\$) (US-PGPUB (US-PGPUB ((((master primary first main) and (slawe secondary second suxiliary)) adj (ic driv\$) (US-PGPUB (US-PGPUB ((((((master primary first main) and (slawe secondary se	_	29430	secondary second auxiliary)) adj (ic driv\$3	US-PGPUB	
3824 (((master primary first main) and (slave secondary second auxiliary)) and (ic driv\$3) (integrated adj circuit)) and electrode secondary second auxiliary) and (slave secondary second auxiliary) and (ic driv\$3) ((integrated adj circuit)) and electrode and delay ((((master primary first main) and (slave secondary second auxiliary)) and (ic driv\$3) ((integrated adj circuit)) and electrode and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3) (integrated adj circuit)) and electrode) and delay) and wir\$3 and (lcd or (liquid adj crystal adj display) adj (ic driv\$3) (((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3) ((((((((master primary first main) and (slave secondary second auxiliary)) and electrode) and delay) and (external near2 wir\$3) ("((((((((((((((((((((((((((((((((((((integrated adj circuit))		
secondary second auxiliary) adj (1c driv\$] US-PQPUB	_	3824	(((master primary first main) and (slave	•	2004/03/10 09:20
(integrated adj circuit))) and electrode secondary second auxiliary) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and wir\$3 (integrated adj circuit)) and electrode) and delay) and (external near2 wir\$3 (integrated adj circuit)) and electrode) and delay) and (external near2 wir\$3).PN. 360 16589786" "6437767" "6456353").PN. 37575 ((master primary first main) and (slave secondary second auxiliary)) and (slave		3023	secondary second auxiliary)) adj (ic driv\$3	US-PGPUB	
987			(integrated adj circuit))) and electrode		
secondary second auxiliary) adj (1c drivs)		987	(((master primary first main) and (slave	· ·	2004/03/10 09:20
(integrated adj circuit)) and electrode) and delay (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit))) and electrode) and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit))) and electrode) and delay) and wir\$3 and (lcd or (liquid adj crystal adj display)) (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit))) and electrode) and delay) and (external near2 wir\$3) ((((s568936" "5973558" "6163310" USPAT; US-PGPUB (uspAT; US-PGPUB (uspAT; UspAT)))) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) ((integrated adj circ			secondary second auxiliary)) adj (ic driv\$3	US-PGPUB	
and delay ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and wir\$3 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and (external near2 wir\$3) (spart; (spase) (spart); (spase) (spart); (spase) (spart); (spase) (spart); (spase) (spart); (spart) (spart); (spart) (spart); (spart) (spart); (spa			(integrated adj circuit))) and electrode)		
Secondary second auxiliary) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay and wir\$3 (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay and wir\$3 and (led or (liquid adj crystal adj display) (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay and (external near? wir\$3) ("5.686936" "5973658" "616313.0" USPAT; US-PGPUB ("6.586936" "5973658" "616313.0" USPAT; US-PGPUB US			and delay	IICD » m	2004/02/10 10:06
(integrated adj circuit)) and electrodes and delay) and wirs; and integrated adj circuit) and electrode and delay) and wirs; and (integrated adj circuit) and electrode and delay) and wirs; and (lcd or (liquid adj crystal adj display) (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode and delay) and (external near2 wir\$3 uspAT;	-	439	(((((master primary first main) and (slave		2004/03/10 10:06
and delay) and wir\$3 (((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3) (integrated adj circuit)) and electrode) and delay) and wir\$3) and (lcd or (liquid adj crystal adj display)) 6 ((((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3) (integrated adj circuit)) and electrode) and delay) and (external near? wir\$3) ("6,586936" "5973658" "6163130" USPAT; US-PGPUB U		!	secondary second auxiliary)) adj (1c driv\$3	US- PGPUB	
121			(integrated adj circuit))) and electrode)		
Secondary second auxiliary)			and delay) and wirss	USPAT.	2004/03/10 10:06
(integrated adj circuit)) and electrode) and delay) and wirs3) and (locd or (liquid adj crystal adj display)) (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and (external near? wir\$3) ("\$586936" "\$5973658" "6163310" "6369736" "\$5973658" "6163310" "6369736" "\$6437767" "6456353").PN. 345/98-100 1553 345/98-100.ccls. 3575 ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 345/98-100.ccls. and (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 345/98-100.ccls. and (control\$4 near2 signal) 7 (345/98-100.ccls. and (control\$4 near2 signal) 8 ("\$313222" "\$510805" "\$5796391") ("\$619323" "\$548790" "\$7701136" "\$710571" "\$796390") PN. 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) ("(master primary first main) near (ic (integrated adj circuit)) ("\$710571" "\$796390") PN. 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) ("((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ("((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ("((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ("((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ("((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ("((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and	-	121	((((((master primary list main) and (stave	-	2551, 55, 25
and delay) and wir\$3) and (lcd or (liquid adj crystal adj display)) 6 (((((master primary first main) and (slave secondary second auxiliary)) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and (external near2 wir\$3) -			secondary second auxiliary) and electrode)	05 10102	
adj crystal adj display)			and delay) and wirs3) and (1cd or (liquid		
Compared the primary first main) and (slave secondary second auxiliary) adj (ic driv\$3 (integrated adj circuit)) and electrode) and delay) and (external near2 wir\$3)			and delay, and wiles, and (rea or (1		
Secondary second auxiliary) adj (ic driv\$3 (integrated adj circuit)) and electrode and delay) and (external near2 wir\$3) ("5686936" "5973658" "6163310" USPAT; US-PGPUB USPAT; US-PGPU	_	6	((((master primary first main) and (slave	USPAT;	2004/03/10 10:06
(integrated adj circuit)) and electrode and delay) and (external nearz wir\$3) USPAT 2004/03/10 10:10 ("5686936" "5973658" "6163310" USPAT; US-PGPUB uspat; US-			secondary second auxiliary)) adj (ic driv\$3	US-PGPUB	
and delay) and (external near2 wir\$3) ("5686936" "6973658" "6163310" "6369786" "6437767" "6456353") PN. 80 345/98-100.ccls. 1553 345/98-100.ccls. 10 345/98-100.ccls. 10 345/98-100.ccls. 10 345/98-100.ccls. 11 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 12 345/98-100.ccls. and (control\$4 near2 signal) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 13 345/98-100.ccls. and (control\$4 near2 signal) and (master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 13 8 ("5313222" "5510805" "5588515" USPAT; US-PGPUB (SPAT; US-P			(integrated adj circuit))) and electrode)		
Comparison Secondary second auxiliary Secondary s			and delay) and (external near2 wir\$3)		
345/98-100 USPAT; US-PGPUB	_	6	("5686936" "5973658" "6163310"	USPAT	2004/03/10 10:10
1553 345/98-100.ccls. US-PGPUB USPAT; US			"6369786" "6437767" "6456353").PN.		
1553 345/98-100.ccls. USPAT; US-PGPUB 2004/03/10 15:28 USPAT; US-PGPUB 2004/03/10 16:26 Secondary second auxiliary) near (ic (integrated adj circuit)) (integrated adj circuit) (integrated ad		80	345/98-100		2004/03/10 15:26
Saby					2004/02/10 15:38
3575	-	1553	345/98-100.ccls.	1	2004/03/10 15:28
Secondary second auxiliary) near (ic (integrated adj circuit)) 345/98-100.ccls. and (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 1130 345/98-100.ccls. and (control\$4 near2 signal) 345/98-100.ccls. and (control\$4 near2 signal) 1345/98-100.ccls. and (contro			// and /alare	i	2004/03/10 16:26
(integrated adj circuit)) 345/98-100.ccls. and (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 1130 345/98-100.ccls. and (control\$4 near2 signal) 7 (345/98-100.ccls. and (control\$4 near2 signal)) and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT; US-PGPUB (16:01)	-	3575	((master primary first main) and (slave		2004/03/10 10.20
10 345/98-100.ccls. and (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) 1130 345/98-100.ccls. and (control\$4 near2 signal) 7 (345/98-100.ccls. and (control\$4 near2 USPAT; signal)) and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT USPAT; US-PGPUB 10 345/98-100.ccls. and (control\$4 near2 USPAT; US-PGPUB 11 "5619223" "5510805" "5585815" USPAT USPAT;			secondary second auxiliary) near (ic		
main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 1130	_	10	\landegrated adj critical() 345/98-100 ccls and (((master primary first	USPAT;	2004/03/10 16:01
auxiliary) near (ic (integrated adj circuit)) 1130 345/98-100.ccls. and (control\$4 near2 signal) 7 (345/98-100.ccls. and (control\$4 near2 signal)) and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT; US-PGPUB (ic (integrated adj circuit)) 10 345/98-100.ccls. and (control\$4 near2 USPAT; US-PGPUB (integrated adj circuit)) 11 345/98-100.ccls. and (inaster primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 12 2574 ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) and (input and output) 12 2574 ((integrated adj circuit))) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) and (input and output) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ((integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))	-		main) and (slave secondary second		
circuit)) 345/98-100.ccls. and (control\$4 near2 signal) 7 (345/98-100.ccls. and (control\$4 near2 signal)) and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT; US-PGPUB "5710571" "5796390").PN. 10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 11 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 12 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (input and output) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and output) (integrated adj circuit))) and (input and output) (integrated adj circuit)) and (input and output) (integrated adj circuit))) and (input and output) (integrated adj circuit)) and (input and output) (input a			auxiliary)) pear (ic (integrated adi		
130 345/98-100.ccls. and (control\$4 near2 signal) 7 (345/98-100.ccls. and (control\$4 near2 signal)) and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT USPAT; USPAT USPAT;					
Signal	_	1130			2004/03/10 16:02
7 (345/98-100.ccls. and (control\$4 near2 signal)) and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT 2004/03/10 15:51 8 ("5313222" "5648790" "5701136" "5710571" "5796390").PN. 10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 10 ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) and (input and output) 121 ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (input and output) 121 ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (input and output) ((integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit))) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (integrated adj circuit)) and (input and (input and output) (input and output) (input and (input and output) (input and output) (input and (input and output) (input				1	
and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 8 ("5313222" "5510805" "5585815" USPAT "5619223" "5648790" "5701136" "5710571" "5796390").PN. 10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 121 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (input and output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (inp	_	7	(345/98-100.ccls. and (control\$4 near2		2004/03/10 16:01
(ic (integrated adj circuit)) ("5313222" "5510805" "5585815" "5619223" "5648790" "5701136" "5710571" "5796390").PN. 10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 121 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit)))			signal)) and ((master primary first main)	US-PGPUB	
8					
"5619223" "5648790" "5701136" "5710571" "5796390").PN. 10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 2574 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 121 ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary seconda				110D 3 M	2004/02/10 15.51
"5710571" "5796390").PN. 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (-	8		USPAT	2004/03/10 13:31
10 345/98-100.ccls. and ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) 2574 ((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (slave secondary secondary second auxiliary)) near (ic (slave secondary secondary secondary secondary)) near (ic (slave secondary secondary)) near (ic (slave seconda				1	
main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit)) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (integrated adj circuit))) and (input and				IICDAT.	2004/03/10 16:01
auxiliary)) near (ic (integrated adj circuit)) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and (input and circuit))) and (input and circuit))) and (input and circuit)))	-	10	345/98-100.ccis. and ((master primary lirst	1	
circuit)) (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 121 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and 2004/03/10 16:02			main) and (stave secondary second		
2574 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 121 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and 2004/03/10 16:02 (integrated adj circuit))) and (input and					
secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and output) 121 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and US-PGPUB 2004/03/10 16:02 131 ((master primary first main) and (slave (integrated adj circuit))) and (input and (i	_	2574		USPAT;	2004/03/10 16:02
(integrated adj circuit))) and (input and output) 121 (((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and USPAT; USPAT; USPAT; US-PGPUB		23/4	secondary second auxiliary)) near (ic		
output) ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and			(integrated adi circuit))) and (input and		
- 121 ((((master primary first main) and (slave secondary second auxiliary)) near (ic (integrated adj circuit))) and (input and					
secondary second auxiliary)) near (ic US-PGPUB (integrated adj circuit))) and (input and	-	121	((((master primary first main) and (slave		2004/03/10 16:02
(integrated adj circuit))) and (input and			secondary second auxiliary)) near (ic	US-PGPUB	
output)) and (internal with delay)			(integrated adj circuit))) and (input and		
			output)) and (internal with delay)		

	97	(((((master primary first main) and (slave	USPAT;	2004/03/10 16:03
		secondary second auxiliary)) near (ic	US-PGPUB	
		(integrated adj circuit))) and (input and		
		output)) and (internal with delay)) and		
		(control\$4 near2 signal)	USPAT;	2004/03/10 16:08
-	26523	shimizu	US-PGPUB	, .
		"5801674"	USPAT;	2004/03/10 16:25
-	6	"5801074"	US-PGPUB	
_	1	"5420600".PN.	USPAT	2004/03/10 16:23
_	3	5420600.URPN.	USPAT	2004/03/10 16:24
-	618	345/103	USPAT;	2004/03/10 16:25
	İ		US-PGPUB	2004/02/10 16:26
-	7673	((master primary first main) and (slave	USPAT; US-PGPUB	2004/03/10 16:26
		secondary second auxiliary)) near (ic	US-FGFOB	
		<pre>(integrated adj circuit) driver) 345/103 and (((master primary first main)</pre>	USPAT;	2004/03/10 16:26
-	34	and (slave secondary second auxiliary)) near	US-PGPUB	
		(ic (integrated adj circuit) driver))		
	25	yuki near nobuyuki	USPAT;	2004/03/11 10:18
-	25	yaki neai nobayani	US-PGPUB;	
			JPO	
_	6	"5801674"	USPAT;	2004/03/11 10:31
			US-PGPUB	0001/00/11 10 31
-	1488	345/104	USPAT;	2004/03/11 10:31
i			US-PGPUB	2004/03/11 11:06
-	28	345/104 and ((master primary first main) and	USPAT; US-PGPUB	2004/03/11 11.00
		(slave secondary second auxiliary)) adj2 (ic	05-10101	
	4	(integrated adj circuit) or driv\$3)	USPAT	2004/03/11 10:48
-	1	"5420600".PN. 5420600.URPN.	USPAT	2004/03/11 10:48
-	6	1420600 ORPN	USPAT	2004/03/11 10:49
_	· ·	"4692760" "4901155" "5021775").PN.		
_	13	5021775.URPN.	USPAT	2004/03/11 10:52
-	4	5270696.URPN.	USPAT	2004/03/11 11:01
_	9	("4720708" "4904990" "5021775"	USPAT	2004/03/11 11:02
		"5124804" "5281957" "5394171"		
		"5448554" "5500819" "5523886").PN.	TTCIDAM.	2004/03/11 11:06
-	49470	((master primary first main) and (slave	USPAT; US-PGPUB	2004/03/11 11.00
		secondary second auxiliary)) adj2 (ic (integrated adj circuit) or driv\$3)	05-FGF OD	
	18022		USPAT;	2004/03/11 11:07
_	10022	secondary second auxiliary)) adj2 (ic	US-PGPUB	
		(integrated adj circuit) or driv\$3)) and		
		(control\$4 near3 signal)		
_	1875	(((master primary first main) and (slave	USPAT;	2004/03/11 11:08
100		secondary second auxiliary)) adj2 (ic	US-PGPUB	
		(integrated adj circuit) or driv\$3)) and		
		((delay\$3 hold\$3) with (control\$4 near3		
		signal))	USPAT;	2004/03/11 11:09
_	788	((((master primary first main) and (slave secondary second auxiliary)) adj2 (ic	US-PGPUB	2001, 00, == ==
		(integrated adj circuit) or driv\$3)) and	00 10102	
		((delay\$3 hold\$3) with (control\$4 near3		
		signal))) and ((input\$4 and output\$4) with		
!		terminal)		
-	820	(display adj2 control\$4) and (column with	USPAT;	2004/03/11 13:26
		driv\$3) and reset	US-PGPUB	2004/03/11 13:26
-	1338		USPAT; US-PGPUB	2004/05/11 15.20
		driv\$3) and (reset or clear\$3)	USPAT;	2004/03/11 13:50
-	360	((display adj2 control\$4) with generat\$3) and (column with driv\$3) and (reset or	US-PGPUB	
		clear\$3)		
_	12		USPAT;	2004/03/11 13:53
	12	and (column with driv\$3) and (reset or	US-PGPUB	
		clear\$3)) and (master and slave)		0001/00/55 55
_	106	((display adj2 control\$4) and (column with	USPAT;	2004/03/11 14:00
1		driv\$3) and (reset or clear\$3)) and (master	US-PGPUB	
		and slave)	110000	2004/03/11 13:54
_	5		USPAT	2004/03/11 13.34
1		"5233350" "5412644").PN.		

_	2387	((master and slave) near2 (ic (integrated	USPAT;	2004/03/11 14:00
		circuit) driv\$3))	US-PGPUB	
-	1680	(((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))	USPAT; US-PGPUB	2004/03/11 14:01
_	955	((((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and	USPAT; US-PGPUB	2004/03/11 14:01
-	1006	circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and	USPAT; US-PGPUB	2004/03/11 14:02
_	758	circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and delay\$3) and ((select\$3 enabl\$3) same	USPAT; US-PGPUB	2004/03/11 14:37
-	534	<pre>(master slave)) ((((((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and delay\$3) and ((select\$3</pre>	USPAT; US-PGPUB	2004/03/11 14:03
-	82	enabl\$3) same (master slave))) and address (((((((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and delay\$3) and ((select\$3	USPAT; US-PGPUB	2004/03/11 14:03
	103	<pre>enabl\$3) same (master slave))) and address) and optical (((((((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2</pre>	USPAT; US-PGPUB	2004/03/11 14:03
		signal))) and delay\$3) and ((select\$3 enabl\$3) same (master slave))) and address) and (optical or lcd)		
_	8	("5532965" "5903283" "6137466" "6191768" "6222518" "6275207" "6384807" "6449692").PN.	USPAT	2004/03/11 14:10
-	659	<pre>(((((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and delay\$3) and ((select\$3 enabl\$3) with (master slave))</pre>	USPAT; US-PGPUB	2004/03/11 14:38
_	51	<pre>((((((master and slave) near2 (ic (integrated circuit) driv\$3))) and ((display near2 control\$4) or (control\$4 near2 signal))) and delay\$3) and ((select\$3</pre>	USPAT; US-PGPUB	2004/03/11 14:40
_	12	enabl\$3) with (master slave))) and lcd Isozaki near Shingo	USPAT; US-PGPUB	2004/03/11 14:45
_	8	"6262704"	USPAT; US-PGPUB	2004/03/11 14:51
	8	("5532965" "5903283" "6137466" "6191768" "6222518" "6275207" "6384807" "6449692").PN.	USPAT	2004/03/11 14:46
-	1499	345/87.ccls.	USPAT; US-PGPUB	2004/03/11 14:52
-	13	345/87.ccls. and (master and slave)	USPAT; US-PGPUB	2004/03/11 15:02
-	6	("5686936" "5973658" "6163310" "6369786" "6437767" "6456353").PN. "5801674"	USPAT USPAT;	2004/03/11 14:54
_	1	"5420600".PN.	US-PGPUB USPAT	2004/03/11 15:04
-	6	"3420600".PN. ("3636553" "4424513" "4500880" "4692760" "4901155" "5021775").PN.	USPAT	2004/03/11 15:04
~	1	10/187728	USPAT; US-PGPUB	2004/03/11 16:38
-	1	10/178728	USPAT; US-PGPUB	2004/03/11 16:38

		1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 4 2 4 C H	USPAT	2004/03/12 10:39
-	10	("3947811"	USFAI	2001/03/12 10:33
		"4541066" "4687956" "4758896"		
		"4922448" "4931791" "5077553"		,
		"5155477").PN.	USPAT	2004/03/12 10:46
-	5	("5307085" "5321811" "5396297"	USPAI	2004/03/12 10.40
		"5412777" "5523773").PN.	**************************************	2004/03/12 10:58
-	9	5523773.URPN.	USPAT	2004/03/12 10:38
_	18120	(((master and slave) or (primary and	USPAT;	2004/03/12 11:03
		secondary) or (first and second)) near2 (ic	US-PGPUB	
		(integrated adj circuit) driver (driving		
		adj2 circuit)))		
-	7772	((((master and slave) or (primary and	USPAT;	2004/03/12 11:06
		secondary) or (first and second)) near2 (ic	US-PGPUB	
	1	(integrated adj circuit) driver (driving		
		adj2 circuit)))) and ((display adj2		
		control\$4) or (control\$4 adj2 signal))		
_	1454	(((((master and slave) or (primary and	USPAT;	2004/03/12 11:06
		secondary) or (first and second)) near2 (ic	US-PGPUB	
		(integrated adj circuit) driver (driving		
İ		adj2 circuit)))) and ((display adj2		
		control\$4) or (control\$4 adj2 signal))) and		
		(control\$3 with direction)		
_	707		USPAT;	2004/03/12 11:07
	, , ,	secondary) or (first and second)) near2 (ic	US-PGPUB	
		(integrated adj circuit) driver (driving		
		adj2 circuit)))) and ((display adj2		
,		control\$4) or (control\$4 adj2 signal))) and		
		(control\$3 with direction)) and ((enabl\$3		
		disabl\$3 select\$3 deselect\$3) with (master		
		primary direct\$3))	j	
	173		USPAT;	2004/03/12 11:10
_	1/3	secondary) or (first and second)) near2 (ic	US-PGPUB	
		(integrated adj circuit) driver (driving		
		adj2 circuit)))) and ((display adj2		
		control\$4) or (control\$4 adj2 signal))) and		
ŧ		(control\$3 with direction)) and ((enabl\$3		
		(CONTROLS With direction) and (tenably)		
- "e" -	1	disabl\$3 select\$3 deselect\$3) with master)	USPAT;	2004/03/12 11:10
-	115	(((((((master and slave) or (primary and	US-PGPUB	2001,00,12 12,120
		secondary) or (first and second)) near2 (ic	05 10105	
		(integrated adj circuit) driver (driving		
		adj2 circuit)))) and ((display adj2		
		control\$4) or (control\$4 adj2 signal))) and		
		(control\$3 with direction)) and ((enabl\$3		
		disabl\$3 select\$3 deselect\$3) with master))		
	İ	and display\$3		